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Virtual Data Center

An operational, open-source, digital library to enable the widespread sharing of quantitative research data, and the development of distributed virtual collections of data and documentation.

The Virtual Data Center Project: An Operational Social Science Digital Data Library

Principle Investigator:
Director:
Co-Investigators:

Gary King & Sidney Verba,
Micah Altman
Nancy Cline & Dale Flecker



<http://TheData.org>

Goals of the Virtual Data Center Project

- Provide a free, open, software tool to enable widespread sharing of social science data
- Support unified views of distributed collections of data
- Integrate with emerging digital library architecture

Current Production System

Outline of our Holdings

- I. ICPSR Data Holdings
 - [\[Alphabetical\]](#) [\[Subjects\]](#)
- II. Roper data holdings
- III. NCHS data holdings
- III. CD-ROM data holdings
- IV. Submittable On-line Holdings
- V. Data from the Record of American

Submittable Data Files at the Data Center (updated daily)

- ABC NEWS POLL OF PUBLIC OPINION ON CURRENT SOCIAL AND POLITICAL ISSUES, DECEMBER 1991 (R0901)
- ABC NEWS/WASHINGTON POST POLL OF PUBLIC OPINION ON ABORTION, MARCH 1992 (R0902)
- ABC NEWS/WASHINGTON POST POLL OF PUBLIC OPINION ON CURRENT SOCIAL AND POLITICAL ISSUES, JUNE 1992 (R0903)
- ABC NEWS/WASHINGTON POST SEX AND ABORTION POLL

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Finding Data Set

106370: NATIONAL SURVEY OF FUNCTIONAL HEALTH STATUS, 1990 (Summary)

Ware, John E., Jr.

ICPSR Study 106370

Summary

The 1990 National Survey of Functional Health Status (NHS) was an outgrowth of previous research designed to understand how specific components of the health care system affect the outcomes of care. The NHS addressed three main research goals. First, the NHS sought to obtain national normative data on the SF-36, a measure of functional health status and well-being. Second, the NHS investigated whether respondents believed that physicians assess functional health status and well-being in the course of the care they provide and whether these aspects of health were considered important factors in overall medical care.

[About](#) [Files](#) [Data](#) [Order](#) [Codebook](#)

Examining Documentation

106370: NATIONAL SURVEY OF FUNCTIONAL HEALTH STATUS, 1990 (Files in Our Holdings)

- Zip archive [I06370.zip](#) (491680 bytes) which contains:

Name	Type	Length
cb6370_LREC	Codebook (search)	(161190)
da6370_LREC.sav	[Subset/Crosstabs]	(661060)
da6370_LREC	[Data/Dict]	(1281532)
LOG06370_All.log	[Data/Dict]	(1331)
sa6370_LREC	[Data/Dict]	(15984)
sp6370_LREC	[Data/Dict]	(31185)

- [I06370_README.txt](#)

View Components

Subsetting 106370:da6370_LREC.sav

CREATE SUBSET

(Subsetting takes time, so patient.)

Choose an output format:

Summary Statistics (Numeric Variables)

Optional Select cases (default is to select all):

ACTMODE AND

ACTMODE

Optional Keep or drop listed variables (default is to keep all):

Keep Drop

SP10 (1) - DOES HIT LIMIT BATHING OR DRESSING
 PGLD6 (1) - PAST 4 WKS GENERAL HOW MUCH BODILY PAIN
 PGLD8 (1) - PAIN GLOBAL REVERSED AND REDCALIBRATED
 PHASE (1) - PHONE ADMINISTRATION
PSU (1) - HOUSEHOLD IDENTIFIER WITH OUTLINE MEDICARE
 PSU (1)
 PSU (1) - PRIMARY SAMPLING UNIT
 PTEVALE1 (1) - DR ASKS FEELING SAD OR DEPRESSED
 PTEVALE2 (1) - DR ASKS EMOTIONAL UNWELL BEING
 PTEVALE3 (1) - DR ASKS EMOTIONAL UNWELL SOCIAL

On-Line EDA, Subsetting, and Data Conversion

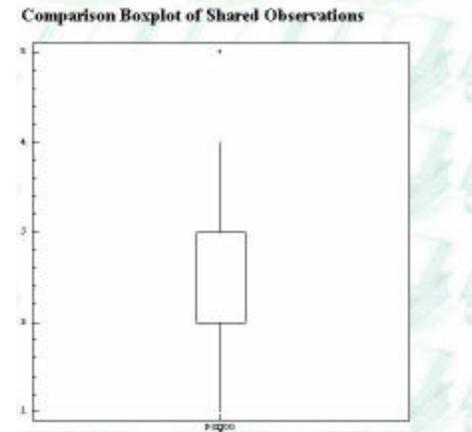
Crosstabulation Summary of 106370:da6370_LREC.sav

Memory allows for 11,915 cells with 2 dimensions for general CROSSTAB.

P8000 AGRR DIS BETTER HEALTH DUE TO MKD CARE by AGE AGR IN 1990

Count	AGE							
	18.00	19.00	20.00	21.00	22.00	23.00	24.00	25.00
1.00	1	10	1			3		6
2.00		3	10	31	16	9	10	13
3.00	1	3	3	4	14	12	12	15
4.00		1	6	9	8	5	4	6
5.00			1	3	3	2	5	2
Total	1	8	30	28	39	31	31	44

(continued)



Individual Univariate Statistics

Variables: P8000

Statistic	Value	Statistic	Value
Mean	2.49029	Standard deviation	
Minimum	1.00000	Skewness	
Maximum	5.00000	Kurtosis	
Valid observations	2407		

Examples of EDA

Individuals Researchers Can use Same System to Share Data

The Record of American Democracy, 1984-1990 (ROAD)



Record of American Democracy

Get King and Bradley Johnson
With Contributions From Peggy Leach, Sara Adams, Mark Adams,
Ernest Borch, Charles Coy, Jeffrey N. Lewis, Ross Myers, and Tom Penland

Read ROAD documentation
Get ROAD data
Download selected worksheets

Number of requests for ROAD: 57611

The Record of American Democracy, 1984-1990 (Documentation)

Get King and Bradley Johnson
With Contributions From Peggy Leach, Sara Adams, Mark Adams,
Ernest Borch, Charles Coy, Jeffrey N. Lewis, Ross Myers, and Tom Penland

The Record of American Democracy (ROAD) data includes election returns, county revenue estimates, and demographic measures of the American public at county-level geographic aggregation. The 1984-1990 ROAD project covers every state in the country from 1984 through 1990 (including some off-year elections). Our collection of data sets includes every election at and above State House (along with party registration and other variables), as well as data for the roughly 170,000 precincts nationwide (about 14 times the number of counties). Another collection that added to our original 50-60 political jurisdictions an additional 1250 worksheets compiled from the 1980 US Census for 47,137 aggregate units (about 15 times the number of counties) about the size and socioeconomic status. These sets complement our US backbone. The collection also includes geographic boundary files to easily cross-check maps with these data.

If you are reading this document from a CD-Rom or other local media, you may wish to see the next screen, which you can find at <http://www.roadkey.com/ROAD/>. The "Home" button at the top of every page of this documentation links to that screen.

A PDF version of this documentation (including several large tables), as well as all the data, are available from the ROAD web site from the www.roadkey.com. Our homepage also allows users to explore, download, and request information.

- **Home**
 - Introduction
 - Description
 - The ROAD Data
 - Additional Resources
 - A ROAD Map
 - News On The Way
- **Overview**
 - The Two of Analysis Process and "MTC-Queries"
 - Search Interface Overview
 - Research Series: Research Data, A Query, PDF, and Download
 - MTC-Query: Data, An Analysis of the Complexity of Political Behavior
 - A Query: Independence, Local Economy, and Central Economy
 - Means, Methods, and Data: Query, Query, MTC-Queries
 - The Interface
 - Demographic Data
 - The Role of the Data
 - Query of the Research Process
 - Methods on Process and MTC-Queries

Road Data (Custom Selection Form)

Use the form below to select data and data types you want, and click "Download" to obtain a zip file archive.



Select the data type you want:

- Selected ROAD group (county, county, and demographic data)
- Geographic Boundary Files
- Precinct-level voting data

Choose the states from which you want data:

All
 All except
 All except
 All except
 All except

Download

Subsetting ROADkeyal.por

CREATE SUBSET

(Submitting takes time, be patient.)

Choose an output format:

Summary Statistics (Numeric Variables)

[Optional] Select cases (default is to select all):

COUNTY = [] AND []
COUNTY = []

[Optional] Keep or drop listed variables (default is to keep all):

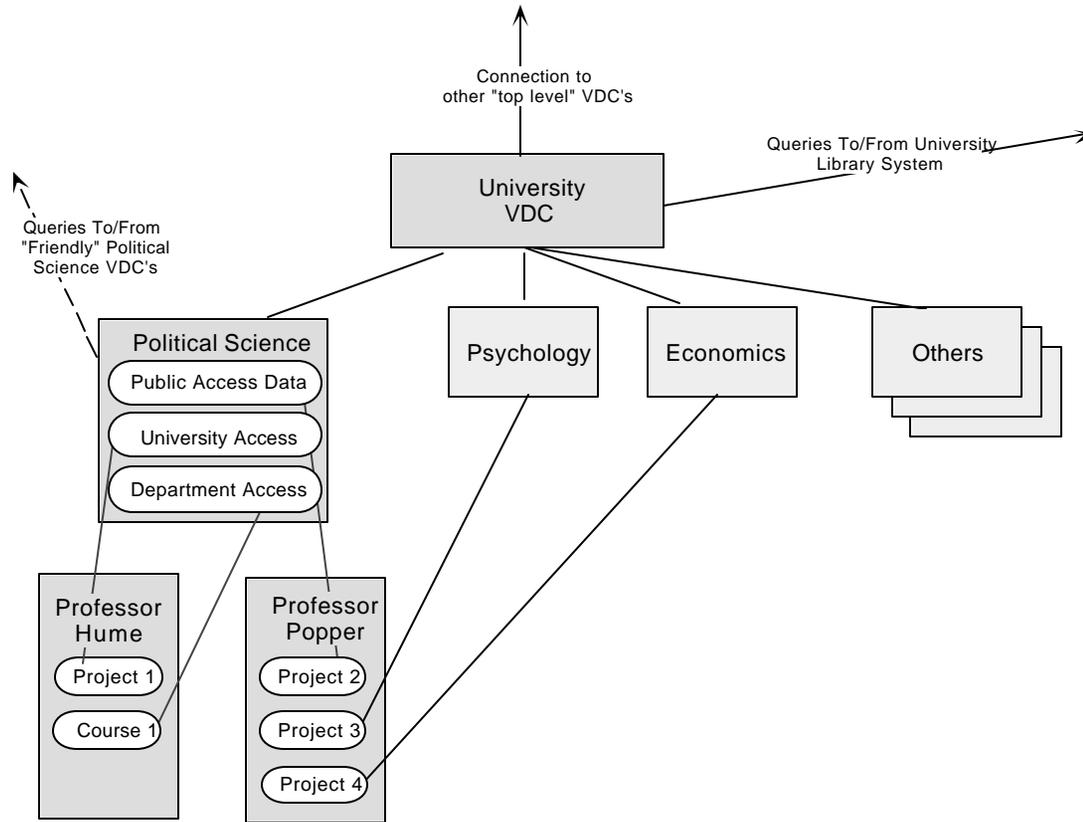
Keep Drop

COUNTY (1)
MCD (1)
MCDGRP (1)

Social Science Data Specific Needs

- Data manipulation: format conversion, extraction, aggregation and merging
- Exploratory data analysis
- Application specific metadata
- Community based naming standards

Distributed Data Support



Straw-Person Architecture

